

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
20 April 2006 (20.04.2006)

PCT

(10) International Publication Number
WO 2006/040577 A1(51) International Patent Classification:
H01H 13/02 (2006.01) H01H 9/18 (2006.01)

[GB/GB]; Horley Mill, 83 Lee Street, Horley, Surrey RH6 8HD (GB).

(21) International Application Number:
PCT/GB2005/003970

(74) Agents: QUEST, Barry et al.; Wilson Gunn, 5th Floor, Blackfriars House, The Parsonage, Manchester M3 2JA (GB).

(22) International Filing Date: 17 October 2005 (17.10.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0422939.9 15 October 2004 (15.10.2004) GB
0422927.4 15 October 2004 (15.10.2004) GB

(71) Applicant (for all designated States except US): GAMES-MAN LIMITED [GB/GB]; Crompton Fields, Crompton Way, Crawley, West Sussex RH10 2QR (GB).

(72) Inventor; and

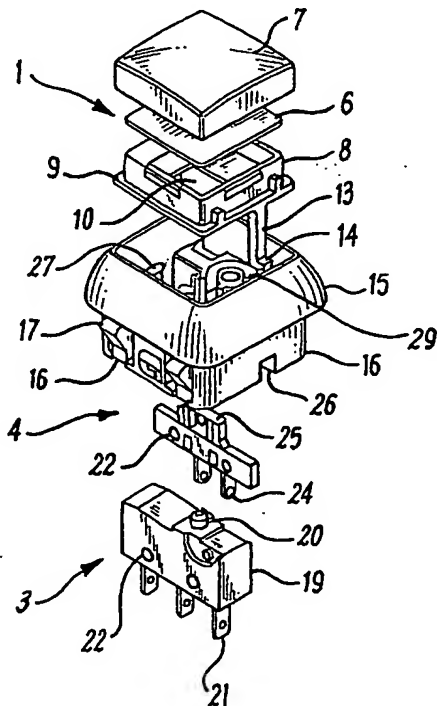
(75) Inventor/Applicant (for US only): COVE, James

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: PUSH BUTTON ASSEMBLY



(57) Abstract: A push button assembly comprises a button (1) with an actuating structure (5) movably mounted within a housing (2) for operation of a switch (20). The housing (2) provides a frame (18) comprising side wall structures (16), with a flange structure (15) mounted at a top open end thereof. The axial length of the housing (2) is shorter than the horizontal length of the side wall structures (16), resulting in a short push button assembly. The button (1) is illuminable via a lamp (25) which is provided on a carrier strip (22), the switch (20) being mounted on a body (19), both of which can be removably mounted substantially within the confines of the housing (2), with respective connection terminals (23, 21) projecting outward thereof, the assembly therefore occupying minimal space behind a panel when mounted on such a panel of an amusement or gaming machine where space may be restricted.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*